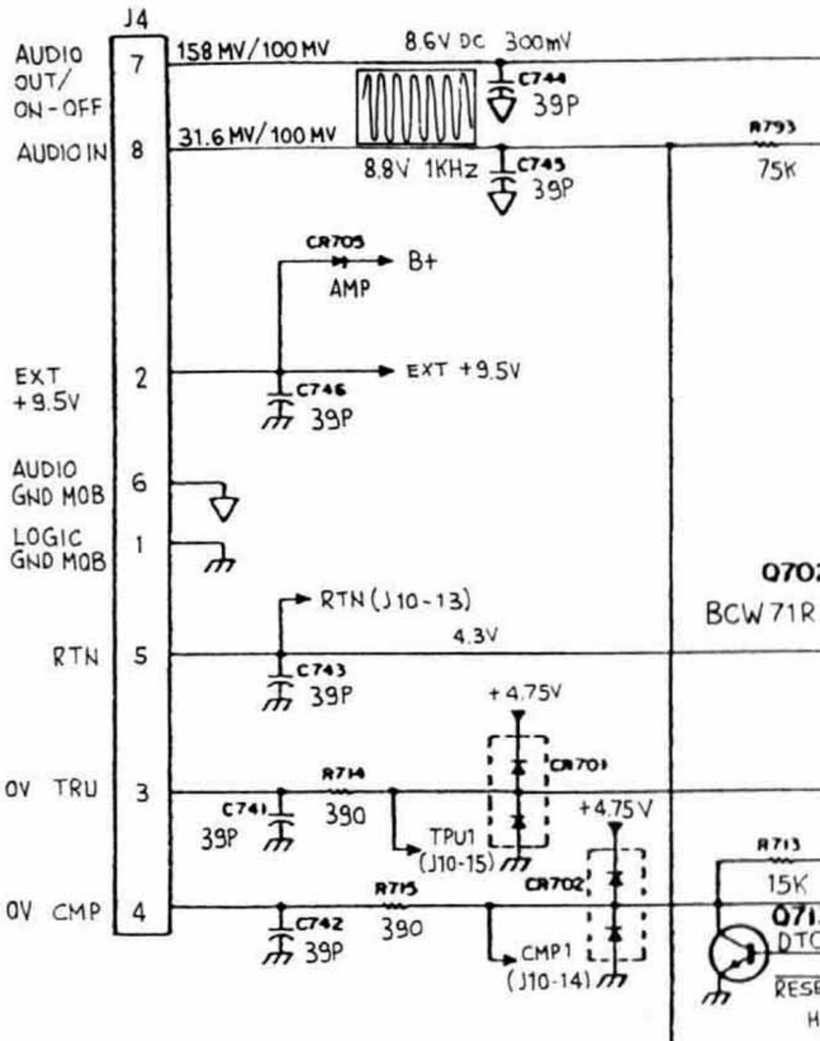
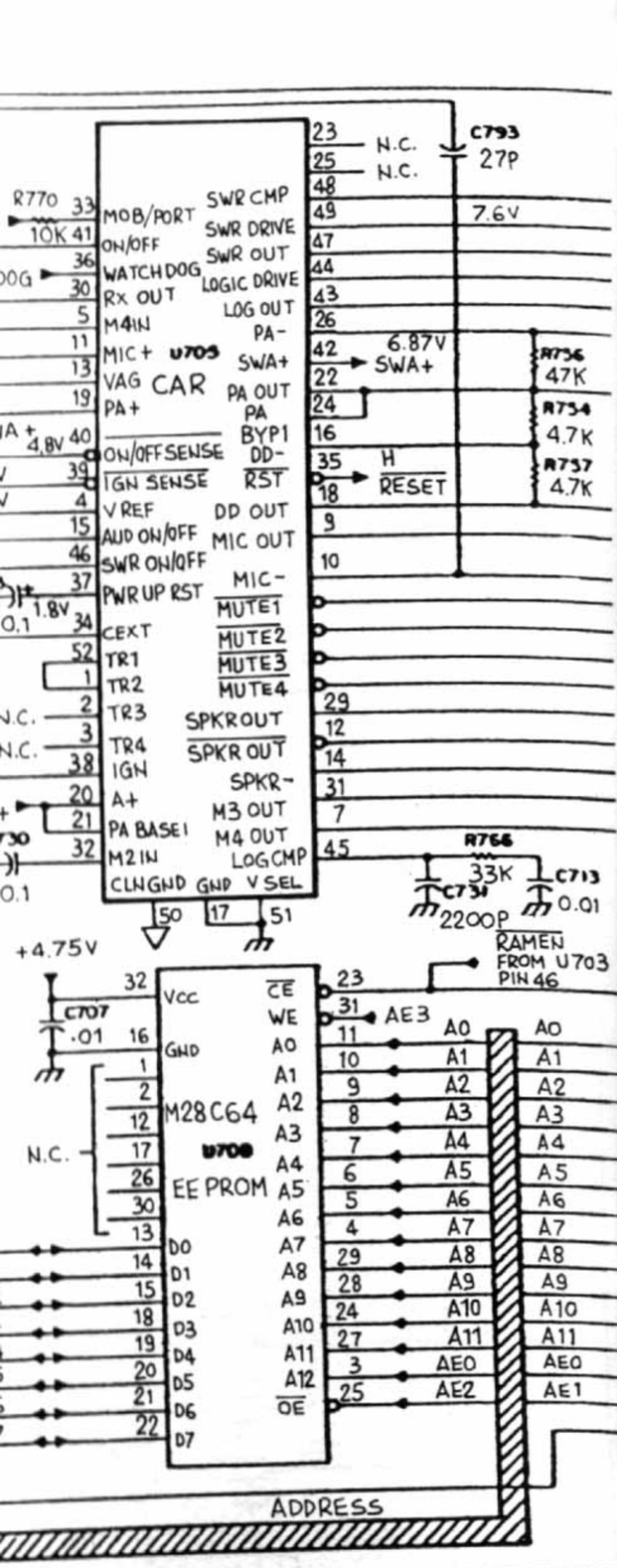
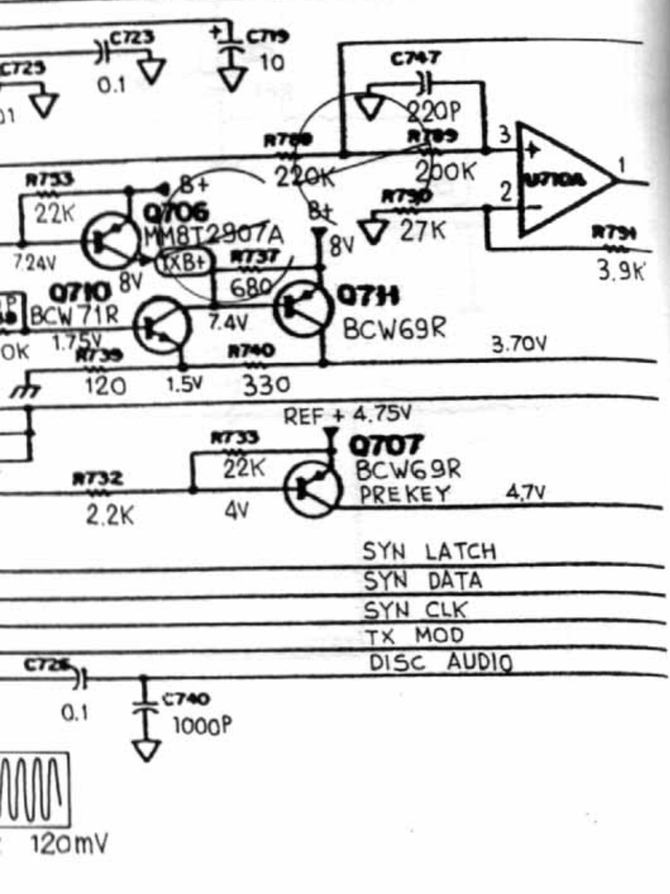


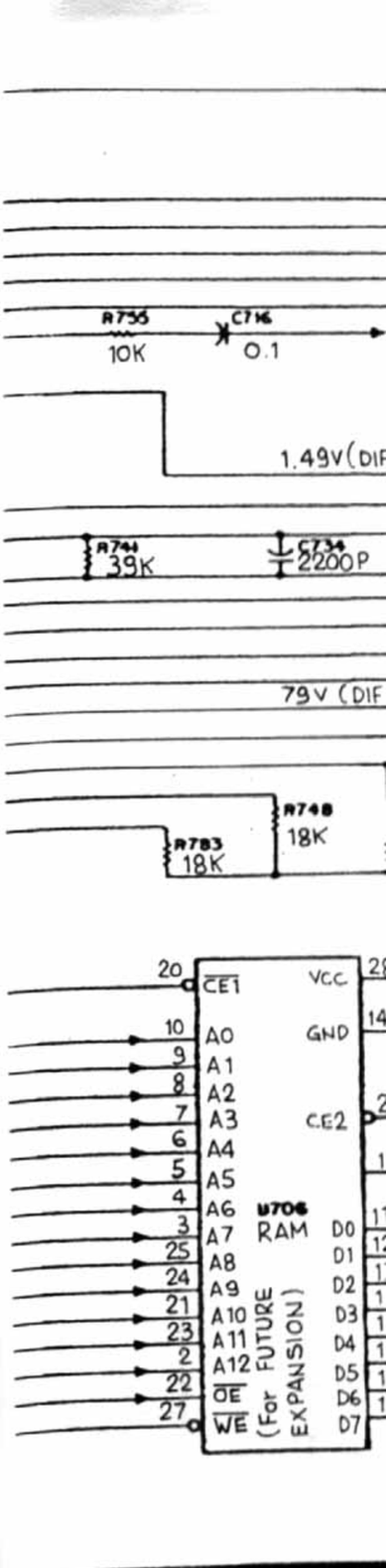
Tutte le misurazioni sono rilevate con i seguenti comandi attivati (con batteria incorporata):
111 # 05 # 10 # 350 # 08 # 474 # 58.
Selezionare il canale 0001, TX ON, TX AUDIO ON, H/F AUDIO abilitato, RX ON, valore livello AUDIO 4 e COMPANDER inserito.
Porre la modulazione di frequenza a 1KHz e il livello di modulazione a 3V.

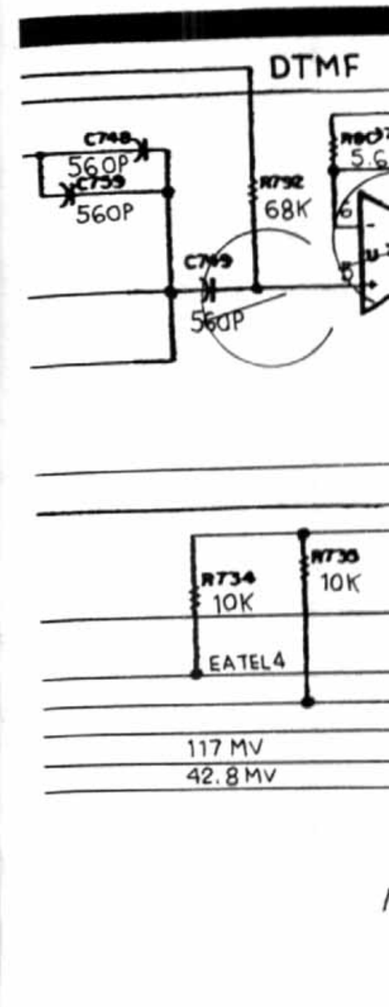
INTEGRATED CIRCUIT DATA TABLE

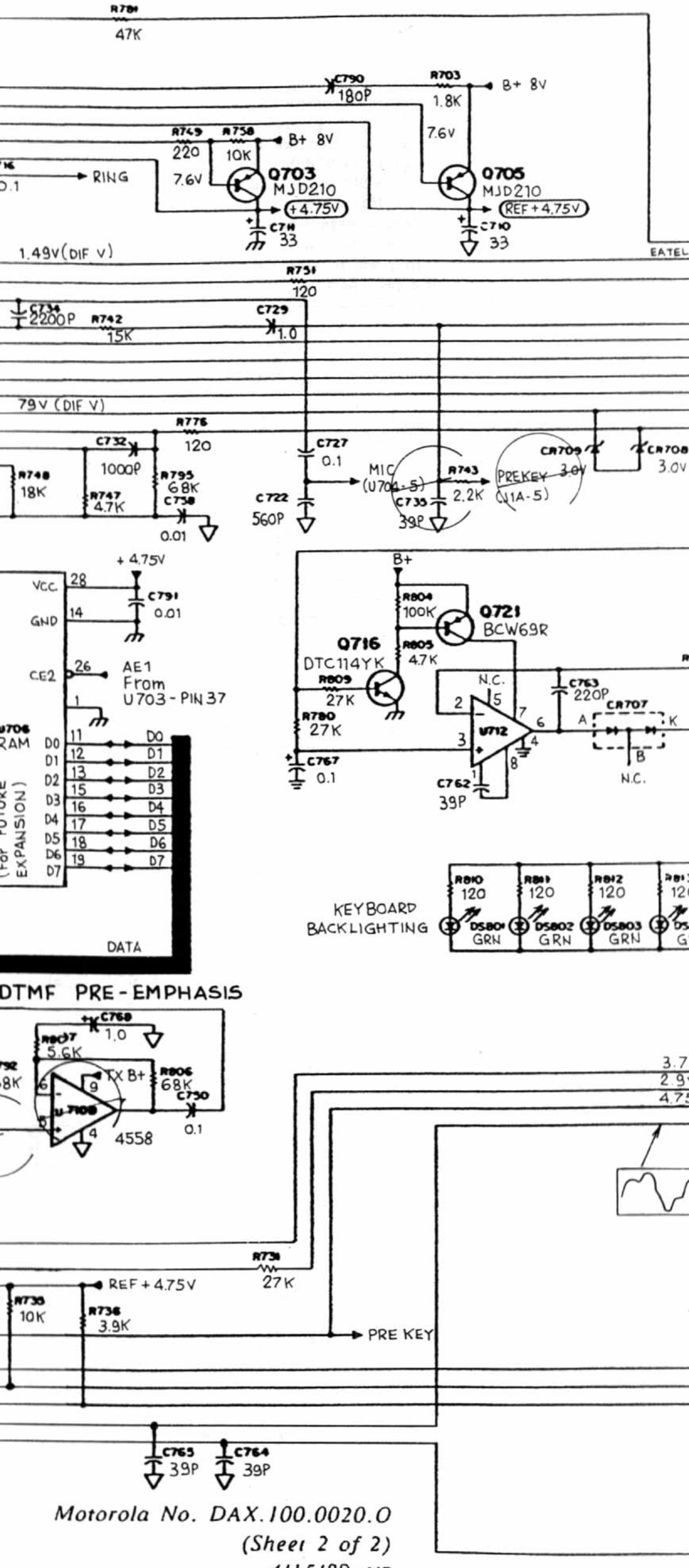
REFERENCE DESIGNATION	DESCRIPTION	B+	+4.75 V	LOGIC GND	AUDIO GND	GND
U701	MICROCOMPUTER	-	56	23, 24, 49	-	-
U702	EPROM	-	32	16	-	-
U703	BIC (CUSTOM)	-	27	51	-	-
U704	APC (CUSTOM)	-	15, 16	49	39	-
U705	CAR (CUSTOM)	20		17	50	-
U706	RAM	-	28	14	-	-
U707	NOT USED	-	-	-	-	-
U708	EEPROM	-	32	16	-	-
U709	NOT USED	-	-	-	-	-
U710	DUAL OPERATIONAL AMPLIFIER	8	-	-	4	-
U711	-	-	-	-	-	-
U712	OPERATIONAL AMPLIFIER	7	-	-	-	4


R770 10K
MOB/PORT
ON/OFF
WATCH DOG
RX OUT
MAIN
MIC+ U705
VAG CAR
PA+
ON/OFF SENSE
IGN SENSE
VREF
AUD ON/OFF
SWR ON/OFF
PWR UP RST
CEXT
TR1
TR2
TR3
TR4
IGN
A+
PA BASE1
M2 IN
CLN GND
SWR CMP
SWR DRIVE
SWR OUT
LOGIC DRIVE
LOG OUT
PA-
SWA+
PA OUT
PA BYP1
DD-RST
DD OUT
MIC OUT
MIC-
MUTE1
MUTE2
MUTE3
MUTE4
SPKR OUT
SPKR OUT
SPKR-
M3 OUT
M4 OUT
LOG CMP
GND VSEL
N.C.
N.C.
C733 27P
7.6V
6.87V SWA+
H RESET
R736 47K
R734 4.7K
R737 4.7K
R766 33K
C734 2200P
C713 0.01
+4.75V
C707 .01
M28C64 EE PROM U708
RAMEN FROM U703 PIN 46
AE3
ADDRESS
CE
WE
OE
A0
A1
A2
A3
A4
A5
A6
A7
A8
A9
A10
A11
A12
AE0
AE1
D0
D1
D2
D3
D4
D5
D6
D7


C723 0.1
C719 10
C747 220P
R788 220K
R789 200K
R733 22K
Q706 MMBT2907A
7.24V
8V
R737 680
Q710 BCW71R
1.75V
Q711 BCW69R
7.4V
R739 120
1.5V
R740 330
3.70V
R730 27K
R731 3.9K
REF + 4.75V
R733 22K
Q707 BCW69R PREKEY
4.7V
R732 2.2K
4V
SYN LATCH
SYN DATA
SYN CLK
TX MOD
DISC AUDIO
C725 0.1
C740 1000P
120mV


R755 10K
C716 0.1
1.49V (DIF
R741 39K
C734 2200P
79V (DIF
R748 18K
R783 18K
CE1
CE2
VCC
GND
A0
A1
A2
A3
A4
A5
A6
A7
A8
A9
A10
A11
A12
OE
WE
U706 RAM
(For FUTURE EXPANSION)
D0
D1
D2
D3
D4
D5
D6
D7


DTMF
C748 560P
C739 560P
R752 68K
C749 560P
R734 10K
R735 10K
EATEL4
117 MV
42.8 MV

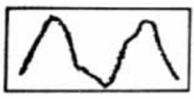


Motorola No. DAX.100.0020.O

(Sheet 2 of 2)

4115189-UP

Premendo FNZ2 →
Tasto aumento
volume massimo
livello della suoneria



R703
1.8K
B+ 8V
7.6V
Q705
MJD210
REF+4.75V
C710
33

EATEL4

J10

11	ON/OFF	7.8V
1	ALERT +	4 V
2	ALERT −	4 V
3	MIC +	
9	MUTE1	
8	MUTE2	
10	MUTE3	
7	MUTE4	
5	SPKR +	4V
6	SPKR −	4V
4	MIC −	
20	LED GND	
18	3.84 MHZ	
22	B+	8V
19	+4.75V	
17	SW+4.75V CTL	

CR709
CR708
3.0V
R743
2.2K
PREKEY 3.0V
(J1A-5)
C735
39P
3.84MHz
B+
+4.75V

B+
R804
100K
Q721
BCW69R
R805
4.7K
B+
R803
1K
Q718
MJD210
R802
27K
C761
22µ
21 SW+4.75V
N.C.
C763
220P
U712
CR707
A
K
B
N.C.
R800
1K
Q717
BCW71R
R801
120
C762
39P
B
Q722
MDJ31
R816
100K
16 BKLT 4.7V

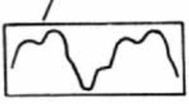
R810 120
R811 120
R812 120
R813 120
R814 120
R815 120
DS801 GRN
DS802 GRN
DS803 GRN
DS804 GRN
DS805 GRN
DS806 GRN

RESET	12	RESET H
CMP1	14	CMP1 0V
TRU1	15	TRU1 0V
RTN	13	RTN 4.3V

J1A

TXB+ 8V	3	TX B+
3.7V	4	PA-CNTRL
2.9V	2	RF-DETECT
4.75V	5	PREKEY
	6	TX MOD
REF +4.75V	1	REF +4.75V

C766
0.1



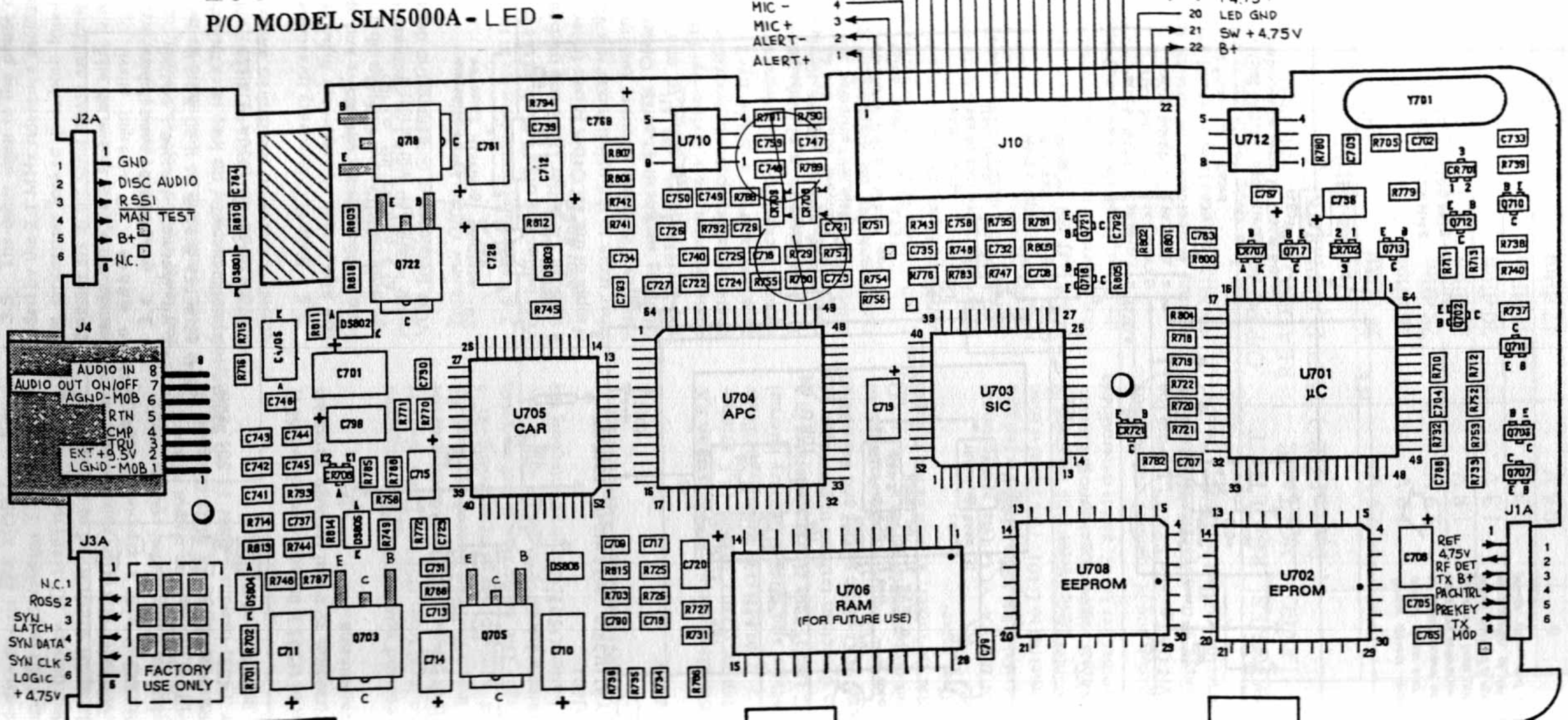
J3A

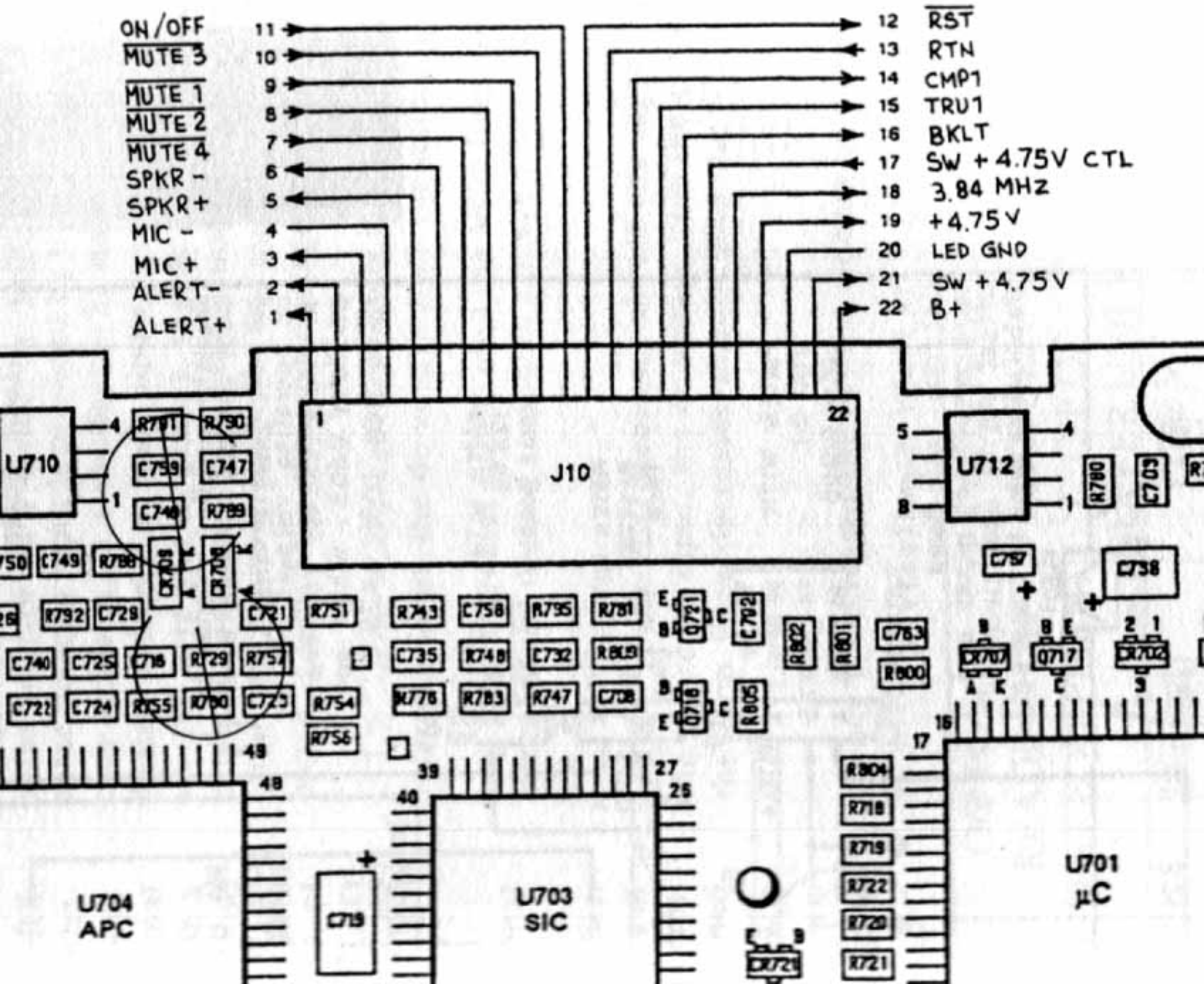
	1	N.C.
+4.75V	6	LOGIC +4.75V
ROSS FROM U701-PIN56	2	ROSS
	3	SYN LATCH
	4	SYN DATA
	5	SYN CLK

J2A

MANTEST	4	MANTEST
RSSI	3	RSSI
B+ +6V	5	B+
	6	N.C.
C701 22	1	GND
	2	DISC AUDIO

P/O MODEL SLN5000A - LED -

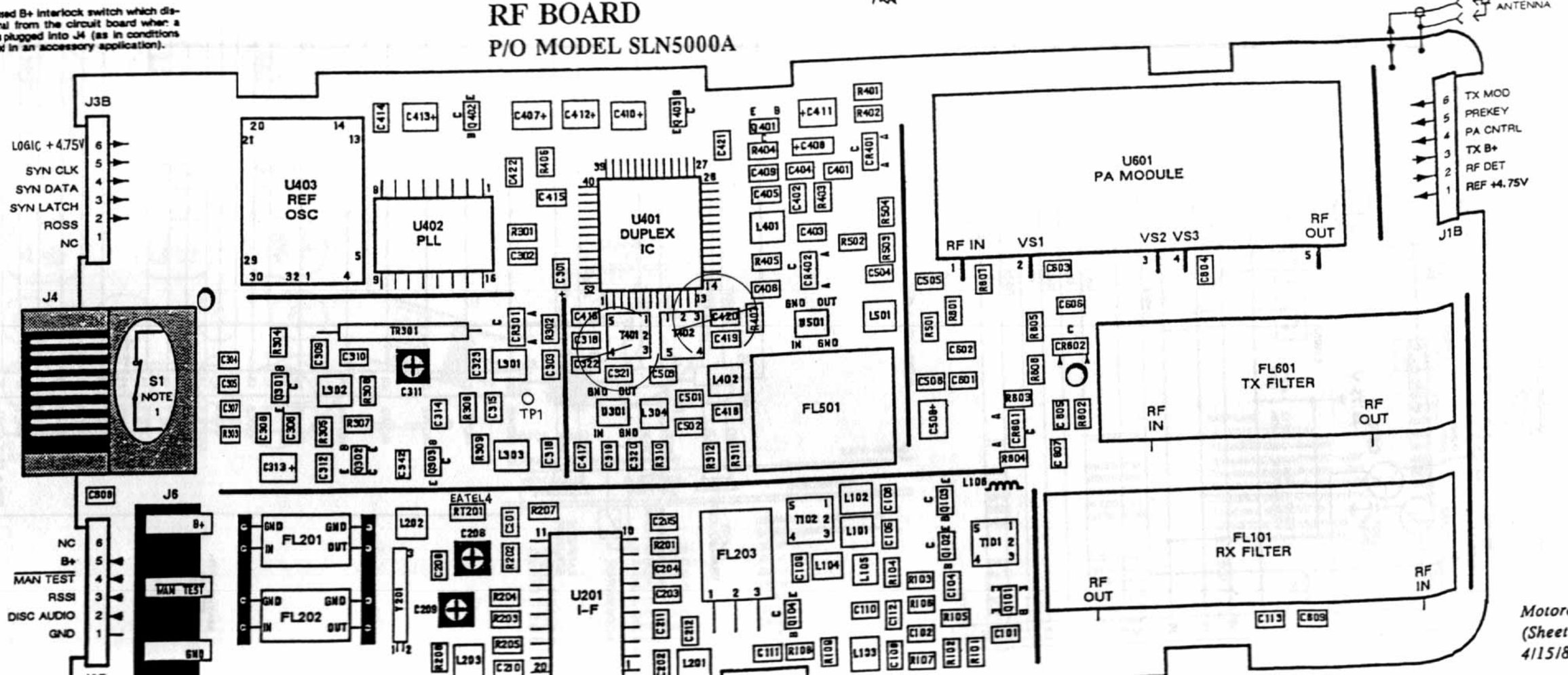



ON/OFF
MUTE 3
MUTE 1
MUTE 2
MUTE 4
SPKR -
SPKR+
MIC -
MIC +
ALERT-
ALERT+
11
10
9
8
7
6
5
4
3
2
1
12 RST
13 RTN
14 CMP1
15 TRU1
16 BKLT
17 SW +4.75V CTL
18 3.84 MHZ
19 +4.75V
20 LED GND
21 SW +4.75V
22 B+
J10
U710
U712
U704
APC
U703
SIC
U701
µC

1. Switch S1 is a normally closed B+ interlock switch which disconnects the battery B+ terminal from the circuit board when a modular telephone connector is plugged into J4 (as in conditions where the portable is being used in an accessory application).

RF BOARD

P/O MODEL SLN5000A



Motor
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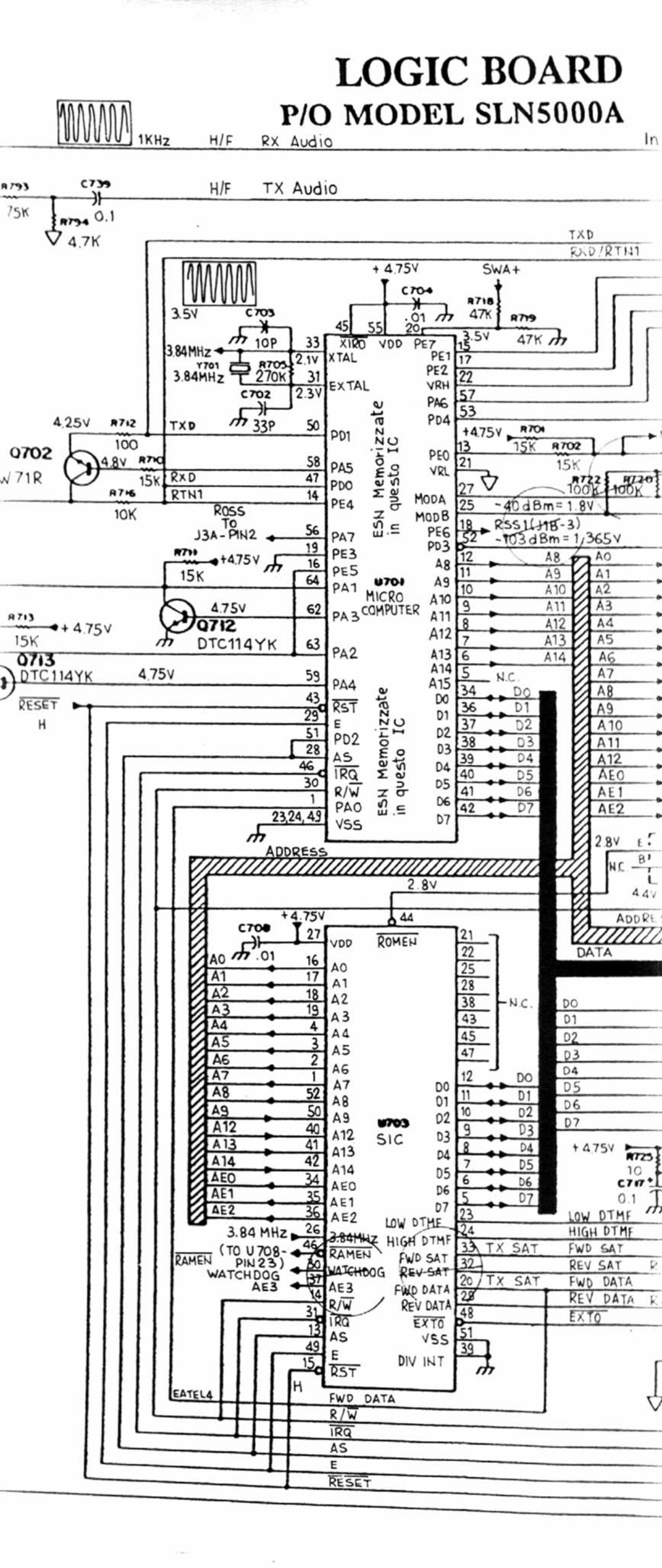
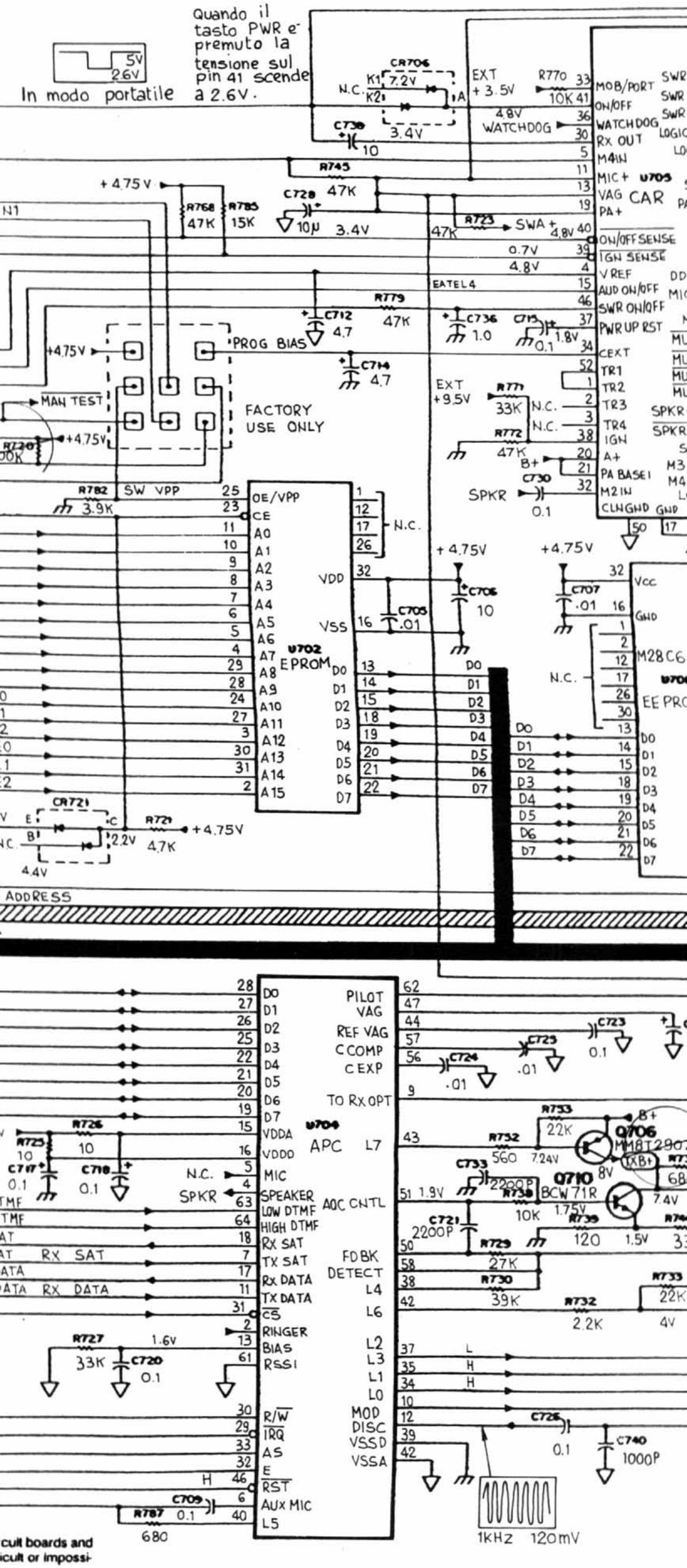
LOGIC BOARD
P/O MODEL SLN5000A





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icult or impossi-